



Case Study of Implementing data, Voice,
Wireless and Security Solution for
LB Finance

Case Study of Implementing Data, Voice, Wireless and Security Solution for LB Finance High Level Requirement

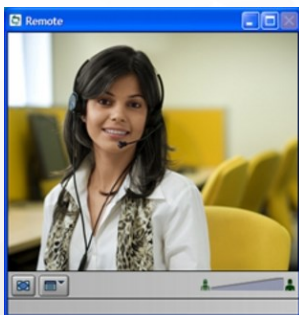


LB Finance decided to re-locate their Head Office to a new location in the heart of Colombo in order to accommodate the growth and to facilitate the ever increasing customer base. The new facility is a recently built 7 storied commercial building planned to accommodate 550 staff members. LB Finance intended to implement a Wired and Wireless LAN covering all 7 floors to provide networking access to its staff. In addition to that LB required a converged voice network which can run on top of the wired network. Entire communication should be

secured.

Solution at a glance

Fully redundant core switch layer and dual homed access switch layer caters more than 550 wired users at LB finance with high-speed reliable data access service with minimal downtime. Aggregated redundant links provide high bandwidth between core and access layer. 10/100Mbps Power over Ethernet (PoE) enable switching solution powers up IP phones and PoE capable IP end equipment without any hassle.



Proposed Cisco based VoIP solution caters more than 1000 users with voice, video and other collaboration solutions on top of the IP network infrastructure. Solution also compatibles with video conferencing devices for future usage.

Redundant and load sharing Cisco communications managers operating in active-active mode, is highly reliable, resilient and expandable solution which will cater the LB finance future demands. Solution comprise of 150 IP phones with display, 252 basic IP phones for general users, 35 executive IP phones, 5 video phones with touch sensitive color display for top management and 5 operator consoles.





The state of the art wireless solutions covers the entire 7 story building allowing LB staff to seamlessly roam across the building while maintain the connectivity. Cisco's 2500 series WLAN controller base solution is a future proof network design able to scale to future requirements without fork lift upgrades.

Robust and proven Firewall solution protects the perimeter from unauthorized access to cooperate data and systems. Proposed Checkpoint firewall solution is based on unified threat management security features and services.



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